

Title (en)

NITROGEN CONTAINING MORPHINAN DERIVATIVES AND THE USE THEREOF

Title (de)

STICKSTOFFHALTIGE MORPHINANDERIVATE UND VERWENDUNG DAVON

Title (fr)

DÉRIVÉS DE MORPHINANE CONTENANT DE L'AZOTE ET LEUR UTILISATION

Publication

EP 2931725 B1 20170215 (EN)

Application

EP 13824147 A 20131213

Priority

- US 201261737609 P 20121214
- US 201361784312 P 20130314
- IB 2013002786 W 20131213

Abstract (en)

[origin: US2014171461A1] The application is directed to compounds of Formula I-A and pharmaceutically acceptable salts and solvates thereof, wherein R1a-R3a, R4, Y, and Z are defined as set forth in the specification. The invention is also directed to use of compounds of Formula I-A to treat disorders responsive to the modulation of one or more opioid receptors, or as synthetic intermediates. Certain compounds of the present invention are especially useful for treating pain.

IPC 8 full level

C07D 471/08 (2006.01); **C07D 471/18** (2006.01); **C07D 491/107** (2006.01); **G01N 33/53** (2006.01)

CPC (source: EP US)

A61P 1/10 (2017.12 - EP); **A61P 1/12** (2017.12 - EP); **A61P 17/00** (2017.12 - EP); **A61P 25/00** (2017.12 - EP); **A61P 25/04** (2017.12 - EP);
A61P 25/30 (2017.12 - EP); **A61P 25/32** (2017.12 - EP); **A61P 29/00** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **C07D 471/08** (2013.01 - EP US);
C07D 471/18 (2013.01 - EP US); **C07D 491/107** (2013.01 - EP US); **G01N 33/5308** (2013.01 - US)

Cited by

CN110248658A; US11643411B2; US11633392B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

US 2014171461 A1 20140619; US 8937084 B2 20150120; CA 2894971 A1 20140619; CA 2894971 C 20180626; EP 2931725 A2 20151021;
EP 2931725 B1 20170215; ES 2623262 T3 20170710; IL 239354 A0 20150730; JP 2016506395 A 20160303; JP 6163210 B2 20170712;
TW 201434836 A 20140916; WO 2014091298 A2 20140619; WO 2014091298 A3 20140821

DOCDB simple family (application)

US 201314105724 A 20131213; CA 2894971 A 20131213; EP 13824147 A 20131213; ES 13824147 T 20131213; IB 2013002786 W 20131213;
IL 23935415 A 20150611; JP 2015547159 A 20131213; TW 102146081 A 20131213